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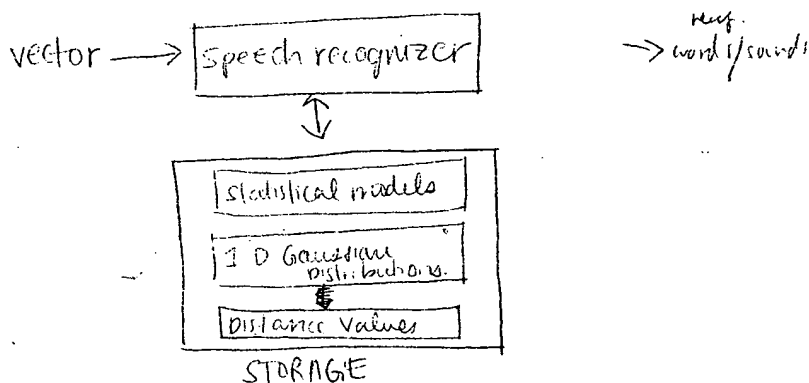
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Title of Invention: __Using one-dimensial gaussian distributions to model speech.__

Inventors (please provide full names): _____

Earliest Priority Filing Date: __09/00__

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vector ——→ | Speech recognizer | reog.
                                    —→ word s/sounds
                    ⇕

| Statistical models |
| 1 D Gaussian Distributions. |
| Distance Values |
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Gales, M.J.F.; Knill, K.M.; Young, S.J.;
Speech and Audio Processing, IEEE Transactions on ,Volume: 7 , Issue: 2 , N
1999
Pages:152 - 161

[Abstract]   [PDF Full-Text (292KB)]   **IEEE JNL**

2 **Fast implementation methods for Viterbi-based word-spotting**
Knill, K.M.; Young, S.J.;
Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference
Proceedings., 1996 IEEE International Conference on ,Volume: 1 , 7-10 May
Pages:522 - 525 vol. 1

[Abstract]   [PDF Full-Text (424KB)]   **IEEE CNF**

3 **Use of Gaussian selection in large vocabulary continuous speech recognition using HMMS**
Knill, K.M.; Gales, M.J.F.; Young, S.J.;
Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Confer
on ,Volume: 1 , 3-6 Oct. 1996
Pages:470 - 473 vol.1

[Abstract]   [PDF Full-Text (400KB)]   **IEEE CNF**

4 **Least-mean square adaptation of the orthogonal block adaptive line enhancer**
Knill, K.M.; Constantinides, A.G.;
Signals, Systems and Computers, 1993. 1993 Conference Record of The Twei
Seventh Asilomar Conference on , 1-3 Nov. 1993
Pages:663 - 667 vol.1

[Abstract]   [PDF Full-Text (284KB)]   **IEEE CNF**

5 **A novel orthogonal set adaptive line enhancer tuned with fourth-or cumulants**

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1 **Telephone speech data corpus and performances of speaker indepe recognition system using the corpus**
Isobe, T.; Murakami, K.;
Interactive Voice Technology for Telecommunications Applications, 1994., Se IEEE Workshop on , 26-27 Sept. 1994
Pages:101 - 104

[Abstract]   [PDF Full-Text (220 KB)]   **IEEE CNF**

---

2 **Recognition method with parametric trajectory generated from mix distribution HMMs**
Minami, Y.; McDermott, E.; Nakamura, A.; Katagiri, S.;
Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). : IEEE International Conference on , Volume: 1 , 6-10 April 2003
Pages:I-124 - I-127 vol.1

[Abstract]   [PDF Full-Text (348 KB)]   **IEEE CNF**

---

3 **An optimal Bhattacharyya centroid algorithm for Gaussian clusterin with applications in automatic speech recognition**
Rigazio, L.; Tsakam, B.; Junqua, J.-C.;
Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 20 IEEE International Conference on , Volume: 3 , 5-9 June 2000
Pages:1599 - 1602 vol.3

[Abstract]   [PDF Full-Text (288 KB)]   **IEEE CNF**

---

4 **Auditory scene analysis and hidden Markov model recognition of sp in noise**
Green, P.D.; Cooke, M.P.; Crawford, M.D.;

Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 Internatio
Conference on , Volume: 1 , 9-12 May 1995
Pages:401 - 404 vol.1

[Abstract]   [PDF Full-Text (364 KB)]   **IEEE CNF**

---

5 Suprasegmental features and continuous speech recognition
Dumouchel, P.;
Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE
International Conference on , Volume: ii , 19-22 April 1994
Pages:II/177 - II/180 vol.2

[Abstract]   [PDF Full-Text (332 KB)]   **IEEE CNF**

---

6 Stream derivation and clustering scheme for subspace distribution clustering hidden Markov model
Mak, B.; Bocchieri, E.; Barnard, E.;
Automatic Speech Recognition and Understanding, 1997. Proceedings., 1997
Workshop on , 14-17 Dec. 1997
Pages:339 - 346

[Abstract]   [PDF Full-Text (352 KB)]   **IEEE CNF**

---

7 Noise robust speech recognition using Gaussian basis functions for linear likelihood function approximation
Pal, C.; Frey, B.; Krisyansson, T.;
Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). I
International Conference on , Volume: 1 , 13-17 May 2002
Pages:I-405 - I-408 vol.1

[Abstract]   [PDF Full-Text (327 KB)]   **IEEE CNF**

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8 Training of subspace distribution clustering hidden Markov model
Mak, B.; Bocchieri, E.;
Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of t
1998 IEEE International Conference on , Volume: 2 , 12-15 May 1998
Pages:673 - 676 vol.2

[Abstract]   [PDF Full-Text (348 KB)]   **IEEE CNF**

---

9 Robust speech recognition based on a Bayesian prediction approach
Hui Jiang; Hirose, K.; Qiang Huo;
Speech and Audio Processing, IEEE Transactions on , Volume: 7 , Issue: 4 , J
1999
Pages:426 - 440

[Abstract]   [PDF Full-Text (460 KB)]   **IEEE JNL**

---

10 Phoneme-based vector quantization in a discrete HMM speech recognizer
Yaxin Zhang; Togneri, R.; Alder, M.;
Speech and Audio Processing, IEEE Transactions on , Volume: 5 , Issue: 1 , J
1997

Pages:26 - 32

[Abstract]   [PDF Full-Text (124 KB)]   **IEEE JNL**

11 Structural speaker adaptation using maximum a posteriori approac and a Gaussian distributions merging technique
Bellot, O.; Matrouf, D.; Nocera, P.; Linares, G.; Bonastre, J.-F.;
Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03).
IEEE International Conference on , Volume: 2 , 6-10 April 2003
Pages:II - 121-4 vol.2

[Abstract]   [PDF Full-Text (362 KB)]   **IEEE CNF**

12 Robust speech recognition method based on discriminative learnin environmental features
Jiqing Han; Munsung Han; Gyu-Bong Park; Jeongue Park; Chengfa Wang;
TENCON 99. Proceedings of the IEEE Region 10 Conference , Volume: 1 , 15-
Sept. 1999
Pages:100 - 103 vol.1

[Abstract]   [PDF Full-Text (328 KB)]   **IEEE CNF**

13 The use of a distribution-clustering technique in HMM-based continuous-speech recognition
Farhat, A.; O'Shaughnessy, D.;
Electrical and Computer Engineering, 1995. Canadian Conference on , Volume
2 , 5-8 Sept. 1995
Pages:1003 - 1006 vol.2

[Abstract]   [PDF Full-Text (300 KB)]   **IEEE CNF**

14 Iterative self-learning speaker and channel adaptation under vario initial conditions
Yunxin Zhao;
Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 Internatio
Conference on , Volume: 1 , 9-12 May 1995
Pages:712 - 715 vol.1

[Abstract]   [PDF Full-Text (344 KB)]   **IEEE CNF**

15 Optimal splitting of HMM Gaussian mixture components with MMIE training
Normandin, Y.;
Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 Internatio
Conference on , Volume: 1 , 9-12 May 1995
Pages:449 - 452 vol.1

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